Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone

Name of Work: Improvements to roads & drains at Anjaneya Temple Area Abbigere, in Ward No.12, in Shettyhalli Sub Division.

Est .Cost Rs.50.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. **P. No. 142/ It No. 19.1/ PWD SR 2016-17**								
	For RCC drain	Cum	1	83.00	1.00	0.90	74.70		
			1	125.00	1.00	0.90	112.50		
			1	55.00	1.20	1.00	66.00		
			1	212.00	1.20	1.10	279.84		
			1	109.00	1.20	1.10	143.88		
	For culverts		2	6.00	1.65	1.00	19.80		
							696.72	175.96	**122594.85**
2	KSRB 4-1.3 : **Providing and laying in position plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.3 **Page No.12/ Item No. 4.3/ PWD SR 2016-17**								
	For RCC drain	Cum	1	83.00	1.00	0.15	12.45		
			1	125.00	1.00	0.15	18.75		
			1	55.00	1.20	0.15	9.90		
			1	212.00	1.20	0.15	38.16		
			1	109.00	1.20	0.15	19.62		
	For culverts		2	6.00	1.65	0.15	2.97		
							101.85	5159.02	**525446.00**

3	KSRB 4.2.2 : **Providing and laying in position reinforced cement concrete of design mix M20** with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 **,P.13/I.4.11/ PWD SR 2016-17**									
	For RCC drain bottom	Cum	1	83.00	1.00	0.15	12.45		
			1	125.00	1.00	0.15	18.75		
			1	55.00	1.20	0.15	9.90		
			1	212.00	1.20	0.15	38.16		
			1	109.00	1.20	0.15	19.62		
	sides								
	For side wall	Cum	2	83.00	0.15	0.60	14.94		
			2	125.00	0.15	0.70	26.25		
			2	55.00	0.15	0.70	11.55		
			2	212.00	0.15	0.75	47.70		
			2	109.00	0.15	0.75	24.53		
	For Culvert bottom	Cum	2	6.00	1.50	0.15	2.70		
	side wall		4	6.00	0.30	0.70	5.04		
	For Culvert Deck slab		2	6.00	1.50	0.23	4.14		
							235.73	6491.88	**1530298.00**
4	KSRB 4-6.4 : **Providing and removing centering, shuttering**, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.15/ Item No. 4.31/ PWD SR 2016-17**									
		sqm							
	For side wall	Cum	3	83.00		0.60	149.40		

			4	125.00		0.70	350.00		
			4	55.00		0.70	154.00		
			3	212.00		0.75	477.00		
			3	109.00		0.75	245.25		
	Culcerts		8	6.00		0.75	36.00		
	Deck slab		2	6.00		0.60	7.20		
	sides		2	15.00		0.23	6.90		
							1425.75	310.58	**442809.00**
5	KSRB 4.9.2: **Providing T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bar**s Fe 500**. **Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17**									
	For Side Walls	Tonnes		223.85	x	70 kgs	15669.15		
	For Covering			11.88	x	80kgs	950.40		
				235.73			16619.55		
							say		
							16.62	59413.00	**987417.00**
6	**Providing & laying reinforeced cement precast slabs** of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								
	For RCC drain bottom	sqm	1	83.00		0.75	62.25		
			1	125.00		0.75	93.75		
			1	55.00		0.90	49.50		
			1	212.00		0.90	190.80		
			1	109.00		0.90	98.10		
	missing		4	25.00		0.90	90.00		
	Approved Rate of Precast slab	1600.00					**584.40**	1600.00	**935040.00**

6	Sub Total							4543966.47
7	KRIDL Charges @ 8%							408956.98
8	Third Party Inspection Charges @							45439.66
9	Miscellaneous and unforeseen charges							1636.88
							Total	5000000.00
	(Rupees Fifty Lakhs Only)							

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ಸಂ: JC/DZ/AS/PW/ ದಿನಾಂಕ: 16/17-18 6/5/17
ರೂ. (50-00 lakhs) Fifty lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

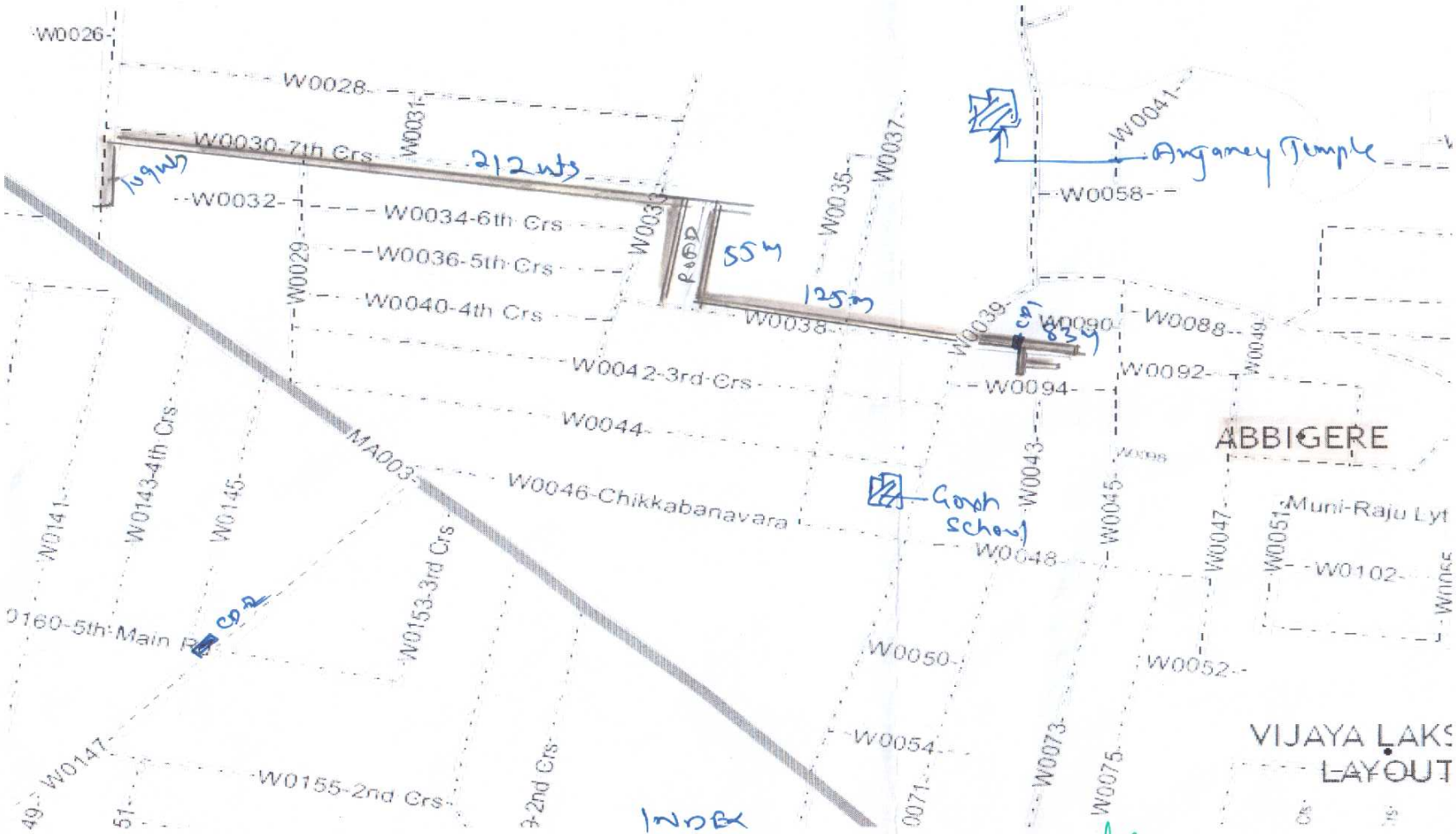
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ.CE/TS/53/17-18 ದಿನಾಂಕ: 01/06/2017
ರೂ. Rs. 50.00 lakhs only/-
Rs. Fifty lakhs only/-
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ದಾಸರಹಳ್ಳಿ

Name of work : Improvements to roads and drains at Anjaneya Temple area Abbigere in Wartd No 12, In Shettyhalli sub Division

Est. Cost : Rs 50.00 lakhs **SFC Grant 2016-17** **Job No : 012-17-000009**



Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shettyhalli Sub Division